Index of Claims

Application/Control No.

09/936,325 Examiner

Hanh Nguyen

Applicant(s)/Patent under Reexamination

MALLETT ET AL.

Art Unit

2668

| √  | Rejected |
|----|----------|
| 11 | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla          | aim      |          |           |               | Dat      | le                                      |  |  |          |      | Cla   | im       | •        |                         | [                  | Date            |         |                 |        | Cl         | aim        |                 |          |   | Dat       | e            |                               |          |           |
|--------------|----------|----------|-----------|---------------|----------|---|--|--|----------|------|---|----------|----------|-------------------------|--------------------|-----------------|---------|-----------------|--------|------------|------------|-----------------|----------|---|-----------|--------------|-------------------------------|----------|-----------|
|              | -        | L        |           |               |          |   |  |  |          |      |   | _        |          |                         |                    |                 |         |                 | 7      |            |            |                 |          |   |           |              |                               |          |           |
| Final        | Original | 15/05    | .         |               | -        |   |  |  |          |      | Final   | Original |          |                         |                    |                 |         |                 |        | Final      | Original   |                 |          |   |           |              |                               |          |           |
| ίĒ           | Ĕ        | 10       | -         | -             | -        |   |  |  |          |      | ਛੋਂ   | 漢        |          | -                       |                    |                 |         |                 |        | ίΞ         | 😤          |                 |          |   |           | 1            |                               |          |           |
|              |          | 0        | <u> </u>  |               |          | 上                                       | Ш  |  | _        |      |   |          |          |                         |                    |                 |         |                 | _      |            |            |                 |          | ┸   | ┸         |              |                               |          |           |
|              | 1        | V        |           |               |          |   |  |  |          |      |   | 51       |          |                         |                    |                 |         |                 |        |            | 101        |                 |          |   | L         |              |                               |          |           |
|              | 2        | Ш        | _         |               |          | <u> </u>                                | Ш  |  | _        |      |   | 52       |          |                         |                    |                 |         |                 |        |            | 102        |                 |          |   |           |              |                               |          |           |
|              | 3        | Ш        | $\perp$   |               |          |   | Ш  | $\perp$                                | _        |      |   | 53       |          | $\perp$                 |                    |                 |         |                 |        |            | 103        |                 |          |   |           |              |                               |          |           |
| <u> </u>     | 4        | Ш        | _         |               | ┸        | ┖                                       | Ш  | $\perp$                                | _        |      |   | 54       |          |                         |                    | $\perp$         | $\perp$ | $oxed{oxed}$    | _      |            | 104        |                 |          | $\perp$   | ┸         | $oxed{oxed}$ |                               |          |           |
| <u></u>      | 5        | Ш        |           |               | ┸        |   |  |  | _        |      |   | 55       |          |                         | 1                  | ot              |         |                 | _      |            | 105        | Ш               |          | $\perp$   | 1         |              | Ш                             |          |           |
| <u> </u>     | 6        | Ш        | _         | _             |          | ┺                                       | Ш  | $\dashv$                               | _        |      |   | 56       |          |                         | _                  | $\sqcup$        |         | $\sqcup$        | _      |            | 106        |                 |          | 1   | $\perp$   | $oxed{oxed}$ | Ш                             | _        |           |
|              | 7        | Ш        | _         | _             |          | <u> </u>                                |  | _                                      | _        |      |   | 57       |          |                         |                    |                 | _ _     | $\sqcup \bot$   | _      |            | 107        | Щ               |          | 1   | ↓_        | $oxed{oxed}$ | Ш                             | _        |           |
|              | 8        | Ш        | _         | _             | -1-      | <b> </b>                                | $\sqcup$   | _                                      | _        |      |   | 58       |          | _                       | $\perp$            | _               | 4_      | $\sqcup$        | _      |            | 108        |                 |          | _   | 1         | $oxed{oxed}$ | Ш                             | _        | $\Box$    |
|              | 9        | #        | -         |               | —        | ╄                                       | $\sqcup$   | $\rightarrow$                          | 4        |      |   | 59       |          |                         | ╄                  |                 | _       |                 | 4      |            | 109        | Ш               |          | _   | -         |              | Ш                             | _        | _         |
| <u></u>      | 10       | #        | $\dashv$  | _             | -        |   | $\vdash$   | $\dashv$                               | 4        |      | $\vdash \vdash \vdash$  | 60       | -        | - -                     | -                  | -               |         | <b>├</b> ─- ├   | 4      |            | 110        | Ш               | -        | $\perp$   | ╀-        | Ļ            | $\sqcup$                      | _        | ᅬ         |
| <u> </u>     | 11       | #        | -         | -+            | -        | $\vdash$                                | $\vdash$   | -+                                     | 4        |      | $\vdash$  | 61       |          | -                       | -                  |                 | +       | $\vdash$        | 4      |            | 111        | H               | $\perp$  | -   | +         | <b>—</b>     | $\vdash \vdash$               | $\dashv$ | $\dashv$  |
|              | 12       | #        | -         | $\dashv$      | +        | -                                       |  | -+                                     | 4        |      | $\vdash \vdash \vdash$  | 62       | +        | +                       | ┼-                 | $\vdash \vdash$ | +       | $\vdash$        | -      |            | 112        | $\vdash$        |          | 4   | +         | $\vdash$     | $\vdash \vdash$               | $\dashv$ | $\dashv$  |
| ļ            | 13       | H        | $\dashv$  |               | -        | $\vdash$                                |  |  | 4        |      | $\vdash \vdash \vdash$  | 63       | +        | +                       | $\vdash$           | $\vdash$        | +       | $\vdash \vdash$ | -      | L          | 113        | H               |          | +   | +         | $\vdash$     | $\vdash \vdash$               |          | $\dashv$  |
| -            | 14<br>15 | W        |           |               |          | $\vdash$                                | ⊢∤   | $\dashv$                               | -        |      | $\vdash\vdash$  | 64       | +        | +                       | +-                 |                 |         | $\vdash$        | -      |            | 114        | Н               | +        |   | +-        | $\vdash$     | $\vdash$                      | $\dashv$ | $\dashv$  |
|              | 16       | Y        | $\dashv$  | +             |          | $\vdash$                                | $\vdash$   | +                                      | -        |      | $\vdash$  | 65<br>66 |          | +                       | +-                 | $\vdash$        |         | $\vdash \vdash$ | -      |            | 115        | $\vdash$        | +        | +   | +         | $\vdash$     | $\vdash \vdash$               | $\dashv$ | $\dashv$  |
| <del> </del> | 17       | X        | $\dashv$  | +             | +-       | +-                                      | ┥  | +                                      | $\dashv$ |      | $\vdash \vdash \vdash$  | 67       | $\dashv$ | +                       | +                  | $\vdash$        |         | $\vdash \vdash$ | -      | ļ <u>.</u> | 116<br>117 | Н               | -        | +   | +         | $\vdash$     | $\vdash \vdash$               | $\dashv$ | $\dashv$  |
| <u> </u>     | 18       | Ŏ        |           | +             |          | ╁                                       | Н  | $\dashv$                               |          |      | $\vdash$  | 68       | -        |                         | ╂                  | -               |         | $\vdash$        | -      |            | 118        | H               |          | +   | ╁         | -            | -                             | $\dashv$ | $\dashv$  |
| -            | 19       | 1        |           | -+            | ╫        | ╁                                       | $\vdash$   | -                                      | -        |      |   | 69       | -+       | +                       | ┼─                 | $\dashv$        | +       | -               | -      |            | 119        |                 | +        | +-  | ╁         | -            | $\vdash$                      | $\dashv$ | $\dashv$  |
| <u> </u>     | 20       | V        | $\dashv$  | +             | +        | ┼                                       | Н  | $\dashv$                               | -        |      | <del>   </del>  | 70       | +        |                         | +                  | +               | +       | ├├-             | -      |            | 120        | Н               |          | ╁   | +         | -            | $\vdash$                      |          | $\dashv$  |
| ·            | 21       | Ž        | ┪         | +             |          | +                                       |  | -                                      | -        |      | $\vdash$  | 71       | -+       | +                       | +                  | $\vdash$        |         | <del></del>     | -      |            | 120<br>121 |                 | +        | ┿   | +-        | -            | H                             | $\dashv$ | $\dashv$  |
| $\vdash$     | 22       | Ť        | -         | -             | +        | ╁                                       | <del>                                     </del> |  | $\dashv$ |      | $\vdash$  | 72       | $\dashv$ | +-                      | ╁                  | $\dashv$        | +       |                 | 4      |            | 122        | Н               | $\dashv$ | +   | +         |              | ₩                             | -        | $\dashv$  |
| <b>-</b>     | 23       | Ů,       | -         | $\dashv$      | ╁╌       | +                                       | $\vdash$   | $\dashv$                               | $\dashv$ |      | ├ <b>-</b>  | 73       | $\dashv$ |                         | +                  |                 |         | $\vdash$        | -      |            | 123        |                 | -        | +-  | ╁         | $\vdash$     | $\vdash$                      | $\dashv$ | $\dashv$  |
|              | 24       | Ĭ.       | $\dashv$  | +             | +        | +                                       | $\vdash$   | +                                      | -        |      |   | 74       | +        | +                       | ╁                  | $\vdash$        | ╁       | ⊢-              | -      |            | 123        | Н               | -        | +   | +         | -            | $\vdash$                      | $\dashv$ | $\dashv$  |
|              | 25       | Ŭ.       | $\dashv$  | $\dashv$      | +        | +                                       | $\vdash$   | +                                      | 1        |      |   | 75       | +        | +                       | +-                 | $\vdash$        | +       | $\vdash$        | -      | _          | 125        | Н               | +        | ╁   | +         | -            | $\vdash$                      | $\dashv$ | $\dashv$  |
|              | 26       | Ŭ.       | 十         | $\dashv$      | 1        | +                                       | -  | $\dashv$                               | $\dashv$ |      |   | 76       | $\dashv$ | +-                      | +                  | $\vdash$        | +-      |                 | ⊟::::  |            | 126        | Н               | +-       | 十   | +         | $\vdash$     |                               | $\dashv$ | $\dashv$  |
|              | 27       | V        | $\dashv$  | 十             | $\top$   | T                                       | $\Box$   | $\dashv$                               | ٦.       |      |   | 77       | 十        | +                       | +-                 | $\vdash$        |         |                 | ⊣::::  |            | 127        | Н               | -        | ╁   | +         |              | H                             | $\dashv$ | $\dashv$  |
|              | 28       | 1./      | 寸         | 十             | <b>⊤</b> |   | H  | $\neg$                                 | ╣        |      | <b></b>   | 78       |          | $\top$                  |                    | $\vdash$        | +       |                 | T::::  |            | 128        | Н               | $\top$   | +-  | +         | $^{+}$       | $\Box$                        | $\dashv$ | $\dashv$  |
|              | 29       | ð        | $\exists$ | 十             |          | T                                       | H  | $\neg$                                 | 7        |      |   | 79       |          | $\dashv$                | $\top$             | $\vdash$        | $\top$  |                 | 7      |            | 129        |                 |          | +   | +         | $\vdash$     | $\Box$                        | $\dashv$ | $\dashv$  |
|              | 30       | 0        | $\neg$    | $\neg$        |          |   |  |  | ╗        |      |   | 80       |          |                         | 1                  | -               | $\top$  |                 | 7      |            | 130        | Н               |          | +-  | $\dagger$ | T            | H                             | 一        | $\dashv$  |
|              | 31       |          | _         | $\neg \vdash$ |          |   | H  |  | 7        |      |   | 81       |          |                         | T                  |                 | $\top$  |                 | 7      |            | 131        | П               | $\neg$   | $\top$  | 1         |              |                               | $\dashv$ | $\exists$ |
|              | 32       |          |           |               |          |   |  | 一                                      | 7        |      |   | 82       |          |                         |                    |                 |         |                 |        |            | 132        | П               |          | $\top$  | $\top$    | T            |                               | ヿ        | $\neg$    |
|              | 33       |          | J         | $\prod$       |          |   |  |  |          |      |   | 83       |          |                         |                    |                 |         |                 |        |            | 133        | П               |          | T   | T         |              | П                             | $\neg$   | $\neg$    |
|              | 34       |          |           |               |          |   |  |  |          |      |   | 84       |          |                         |                    |                 |         |                 |        |            | 134        |                 |          | T   | 1         |              | П                             | $\neg$   | $\neg$    |
|              | 35       |          | $\Box$    | $oxed{J}$     |          |   |  |  |          |      |   | 85       |          | $oldsymbol{\mathbb{T}}$ |                    |                 |         |                 |        |            | 135        |                 |          |   |           |              | П                             | $\neg$   | П         |
|              | 36       |          |           |               | $\Box$   |   |  |  |          |      |   | 86       |          |                         |                    |                 |         |                 |        |            | 136        |                 |          |   |           |              | П                             | $\neg$   | П         |
|              | 37       |          | $\Box$    | $oxed{oxed}$  |          |   | Ш  |  |          |      |   | 87       | $\Box$   |                         |                    |                 |         |                 |        |            | 137        |                 |          | $oldsymbol{\mathbb{T}}$   | L         |              |                               | 二        |           |
|              | 38       | Ш        | _[        |               | 1        | $oxed{\Box}$                            |  | $\perp$                                | $\Box$   |      |   | 88       | $\bot$   | $\perp$                 |                    |                 |         |                 | _      |            | 138        |                 |          |   |           |              |                               |          |           |
|              | 39       | Ш        | _         | $\perp$       | -        | $oxed{oxed}$                            | Ш  |  | _        |      |   | 89       | _        |                         | $oxed{oxed}$       |                 |         | Ш               | _      |            | 139        |                 |          | $oldsymbol{ol}}}}}}}}}}}}}}}}}$ |           |              |                               |          |           |
|              | 40       | Ш        |           | $\perp$       | $\perp$  | igspace                                 | Ш  | _                                      | _        |      |   | 90       | $\perp$  | 1                       | $oldsymbol{\perp}$ | $\Box$          | $\bot$  | $\sqcup \bot$   |        |            | 140        | Ш               |          | Ţ   |           |              | Ш                             | $\Box$   |           |
| ļ            | 41       |          | _         | $\bot$        |          | <del> </del>                            | $\sqcup$   | $\perp$                                | _        |      | $\sqcup$  | 91       | $\perp$  | $\perp$                 | <u> </u>           | $\perp$         | $\bot$  | $\sqcup \bot$   | 4      |            | 141        | Ш               | $\perp$  |   |           | $oxed{\Box}$ | Ш                             | [        | ]         |
| $\vdash$     | 42       |          | $\dashv$  | _             | +        | Ш                                       | Ц  | $\perp$                                | 4        |      | ┝╼┼   | 92       | $\perp$  | $\perp$                 | <u> </u>           |                 |         | $\sqcup \bot$   | 4      |            | 142        | Ш               | $\perp$  | +   | $\perp$   | Ш            | Ш                             |          |           |
| L            | 43       | $\vdash$ | $\dashv$  | 4             | -        | $\vdash$                                | $\vdash \vdash$                                  | -                                      | 4        |      |   | 93       | 4        | 4.                      | $\vdash$           | $\vdash$        | —       | -               | 4      |            | 143        | Ш               |          | $\perp$   | ╄         | Ш            | Ш                             |          |           |
|              | 44       | Н        | $\dashv$  | -             |          | $\vdash$                                | H  | -                                      | 4        |      |   | 94       | +        | +                       | $\dashv$           | $\vdash$        | +-      | $\vdash \vdash$ | 4      |            | 144        | Ш               | $\dashv$ | +   | 1_        | $\vdash$     | $\sqcup$                      | _        | _         |
|              | 45       | Н        |           |               |          | $\vdash$                                | $\vdash \vdash$                                  |  | $\dashv$ |      | $\vdash$  | 95       | -        |                         | $\vdash$           | $\vdash$        |         | $\vdash \vdash$ | 4      |            | 145        | Н               | +        | +   | +-        | $\vdash$     | $\sqcup$                      | _        | _         |
|              | 46       | $\vdash$ | -+        | +             | +-       | $\vdash$                                |  | +                                      | $\dashv$ |      | $\vdash \!$ | 96       | +        | +                       | $\vdash$           | $\vdash$        | +-      | $\vdash \vdash$ | -      |            | 146        | $\vdash \vdash$ | +        | +   | +-        | $\vdash$     | $\vdash \vdash$               | -        | 4         |
| <u> </u>     | 47       | Н        | $\dashv$  | -             | +        | $\vdash$                                | $\vdash \vdash$                                  | $\dashv$                               | $\dashv$ |      | $\vdash$  | 97       |          | +-                      | $\vdash$           | -               | +       | $\vdash \vdash$ | -      |            | 147        |                 |          | +   | +-        | Н            | $\vdash \vdash$               | $\dashv$ | _         |
|              | 48<br>49 | $\vdash$ | -+        | $\dashv$      | +        | $\vdash$                                | $\vdash \vdash$                                  | $\dashv$                               | $\dashv$ |      |   | 98       | +        | +-                      | $\vdash$           | -               | +-      |                 | -      |            | 148        | $\vdash$        |          | - -   | +-        | Н            | ${\displaystyle \longmapsto}$ |          |           |
|              | 50       | Н        |           | +             | +-       | $\vdash$                                | $\vdash \vdash$                                  | $\dashv$                               | $\dashv$ |      | $\vdash$  | 99       | +        | +                       | +                  | -+              |         | $\vdash \vdash$ | -      |            | 149        | $\vdash \vdash$ | +        | +-  | +-        | Н            | $\vdash$                      |          | 4         |
| Ц            | LOU      |          |           |               |          | لــــــــــــــــــــــــــــــــــــــ | ш  | ــــــــــــــــــــــــــــــــــــــ | !لـــ    | :::: |   | 100      | L        |                         | Ш                  | L_              |         |                 | انتندر |            | 150        | L               |          |   |           |              | ш                             |          |           |